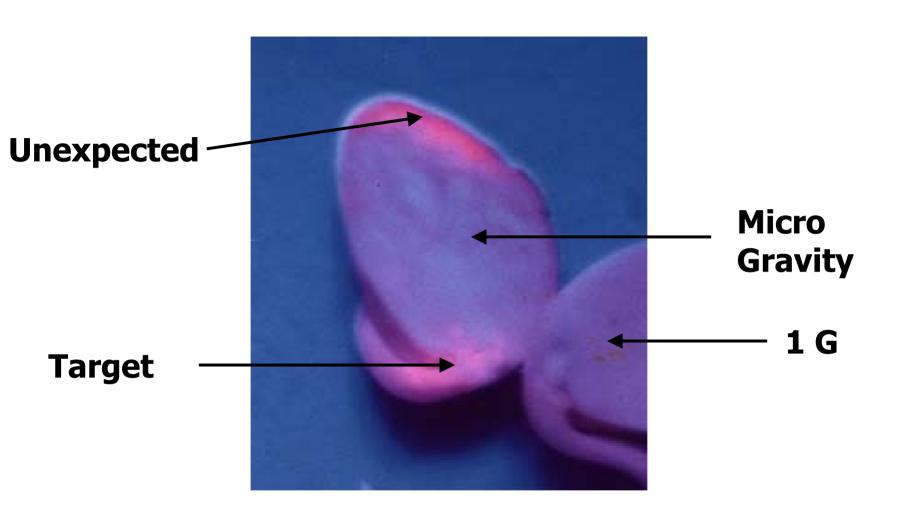
Why Micro Gravity Research?

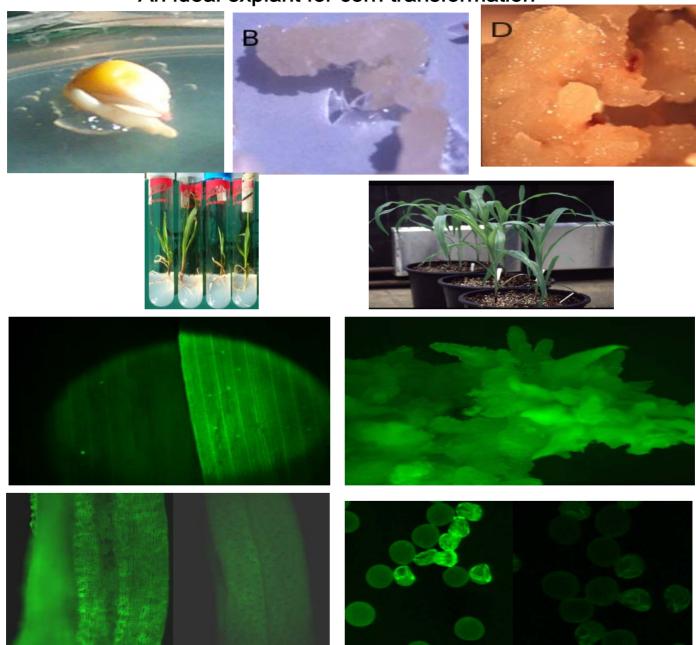
Needed a plant cell transformation system that had:

increased frequency, reduced time and was genotype and species independent

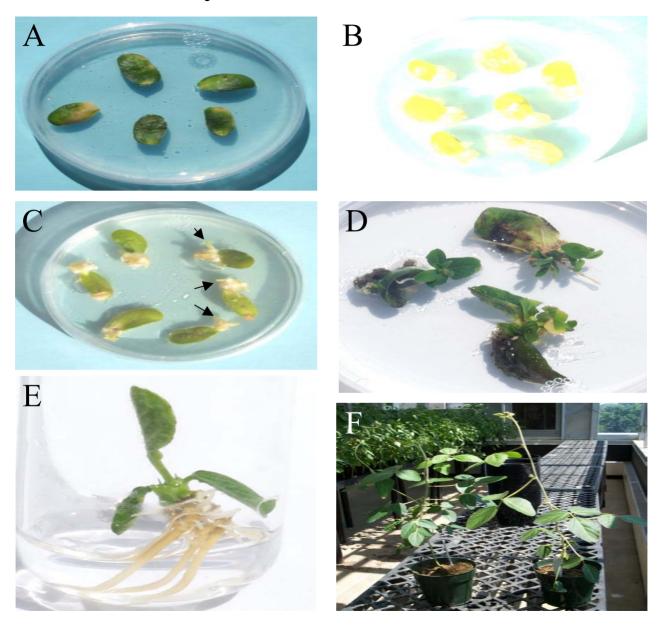
FOR FASTER AND MORE EFFICIENT VACCINE PRODUCTION



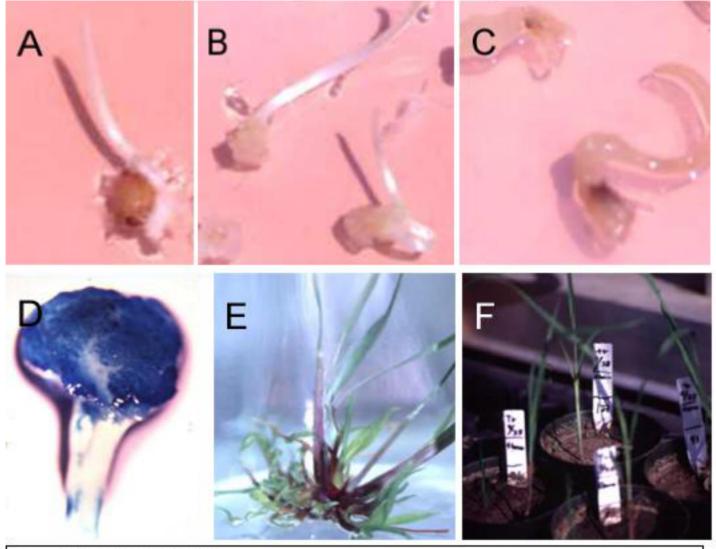
An ideal explant for corn transformation



Soybean Transformation



Regeneration of Plants from Tripsacum



- Germinated Tripsacum
- Callus Induction from Isolated Meristems
- 3 Week Callus Meristems
- Transformed Trisacum Meristem Expressing Gus
- In vitro Planetlets
- A.B.C.D.E.F. Transformed Tripsacum Plants in Greenhouse

EXPOSURE TO OTHER TECHNOLOGIES

Photodynamic Induction: increased DNA vaccine production by 250%